

Homework #4
Due Friday, August 1, 2003

Least Squares

Answer all questions. Submit any pertinent hand calculations and/or Matlab code in a neat manner in order to help us give you partial credit. Readings: Van Loan 7.0-7.3, in section 7.3 skip the intro and start two sentences before Theorem 7.

- 1) Do problem P7.2.1 in the text. No programming necessary.
- 2) Do problem P7.2.3 in the text.
- 3) Do problem P7.3.3 in the text.
- 4) Do problem P7.3.4 in the text.
- 5) Do problem P7.3.5 in the text.
- 6) Do problem P7.3.6 in the text.